

Claims

[c1] 1. A method of remotely managing a mobile communication device, comprising:
providing at least a short message, including an application program;
sending said application program to said mobile communication device; and
running said application program on said mobile communication device.

[c2] 2. The method of claim 1, wherein said step of providing at least said short message includes:
providing said application program; and
enveloping said application program in said short message.

[c3] 3. The method of claim 2, wherein said step of enveloping said application program in said short message includes: when said application has a size larger than a capacity of said short message, dividing said application program into a plurality of program code portions, each of said plurality of program code portions having a size smaller or equal to said capacity of said short message in order to be enveloped in said short message.

- [c4] 4. The method of claim 1, wherein said step of running said application program on said mobile communication device includes:
 - receiving said short message;
 - extracting said application program when said short message includes said application program; and
 - initializing an application program interface of said mobile communication device to run said application program.
- [c5] 5. The method of claim 4, wherein said short message includes an identification index for determining whether said short message includes said application program.
- [c6] 6. The method of claim 4, wherein said application program and said application program interface comply with a Java 2 Micro Edition (J2ME) standard.
- [c7] 7. The method of claim 4, wherein said application program and said application program interface comply with a predetermined program standard for said mobile communication device.
- [c8] 8. The method of claim 1, wherein there is a plurality of short messages and said step of running said application program on said mobile communication device includes:
 - receiving said plurality of short messages;

determining whether any one of said plurality of short messages includes a portion of said application program, when few of said plurality of short messages include portions of said application program, extracting said portions of said application program; reassembling each of said portions of said application program to recover said application program; and initializing an application program interface of said mobile communication device to run said application program.

[c9] 9.The method of claim 1, wherein said mobile communicationdevice is a mobile phone.